

Fig. 1

PRIOR ART



## PRIOR ART

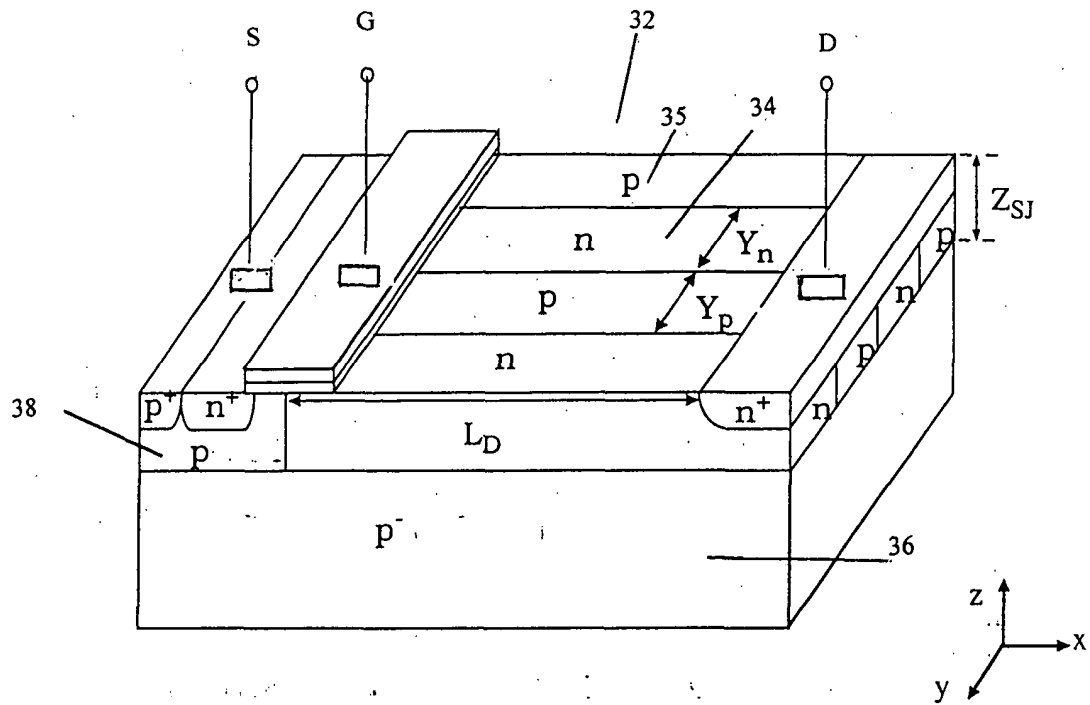


Fig. 3

PRIOR ART

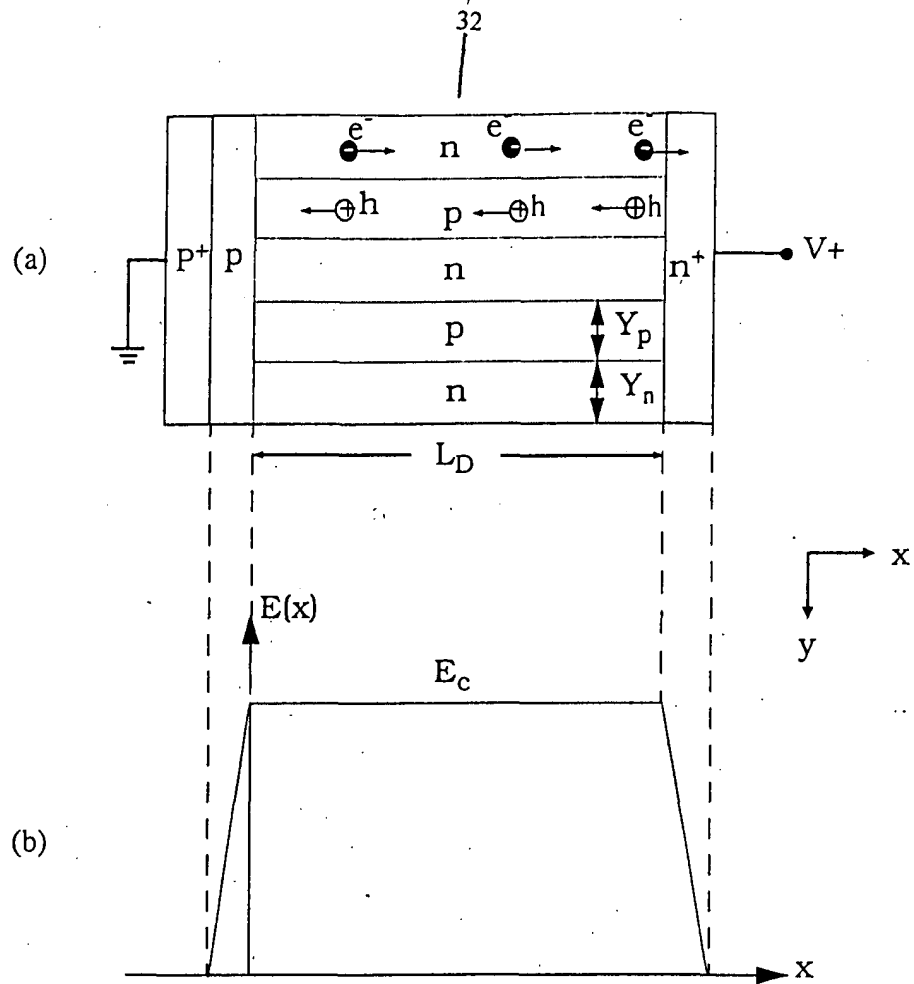


Fig. 4

PRIOR ART



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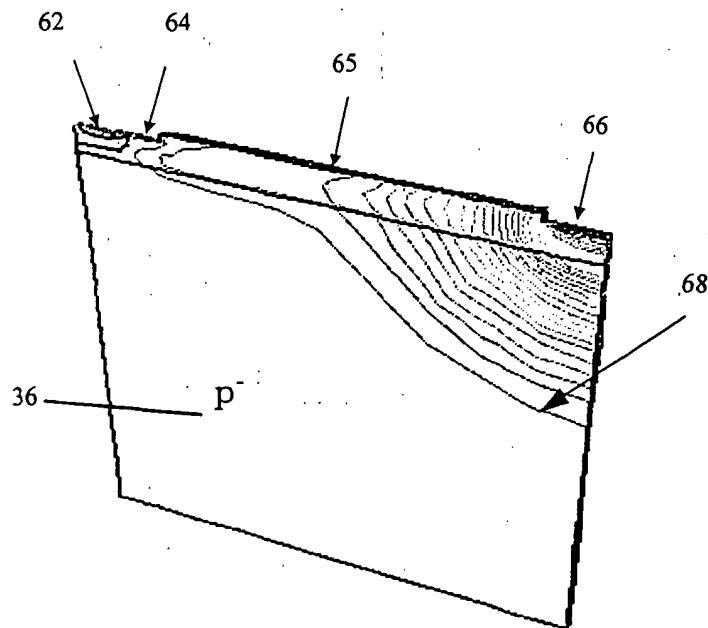


Fig. 6

PRIOR ART

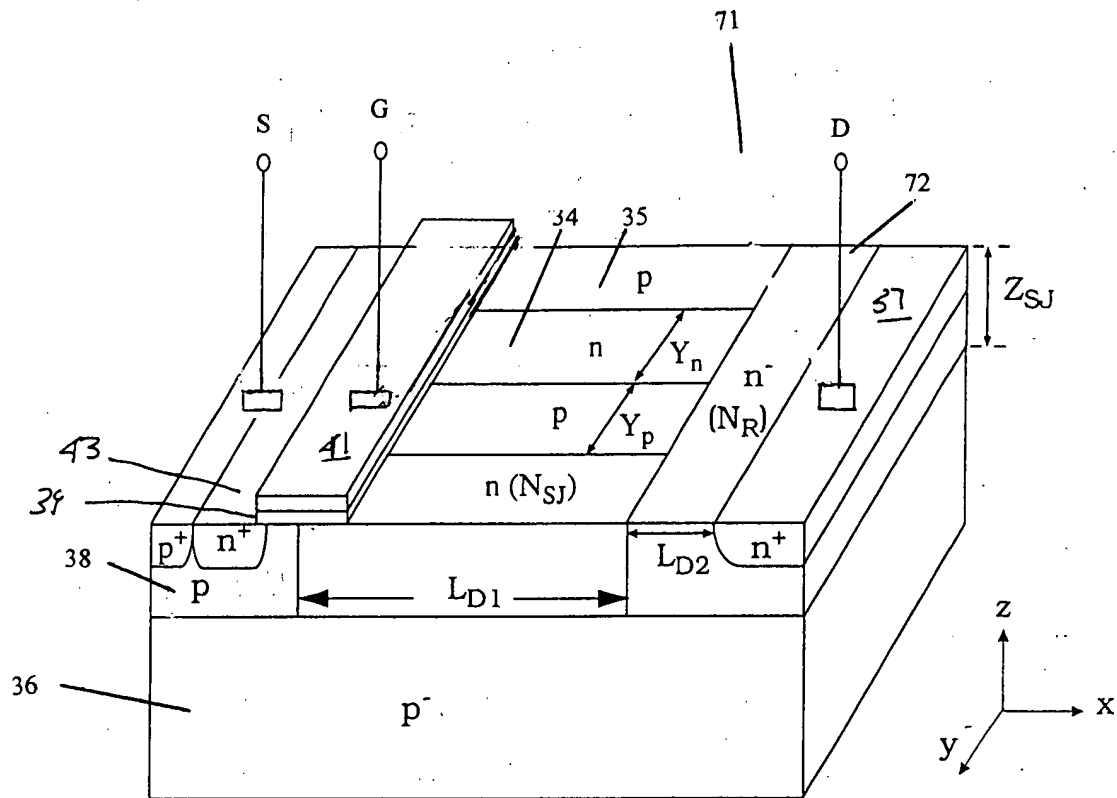


Fig. 7

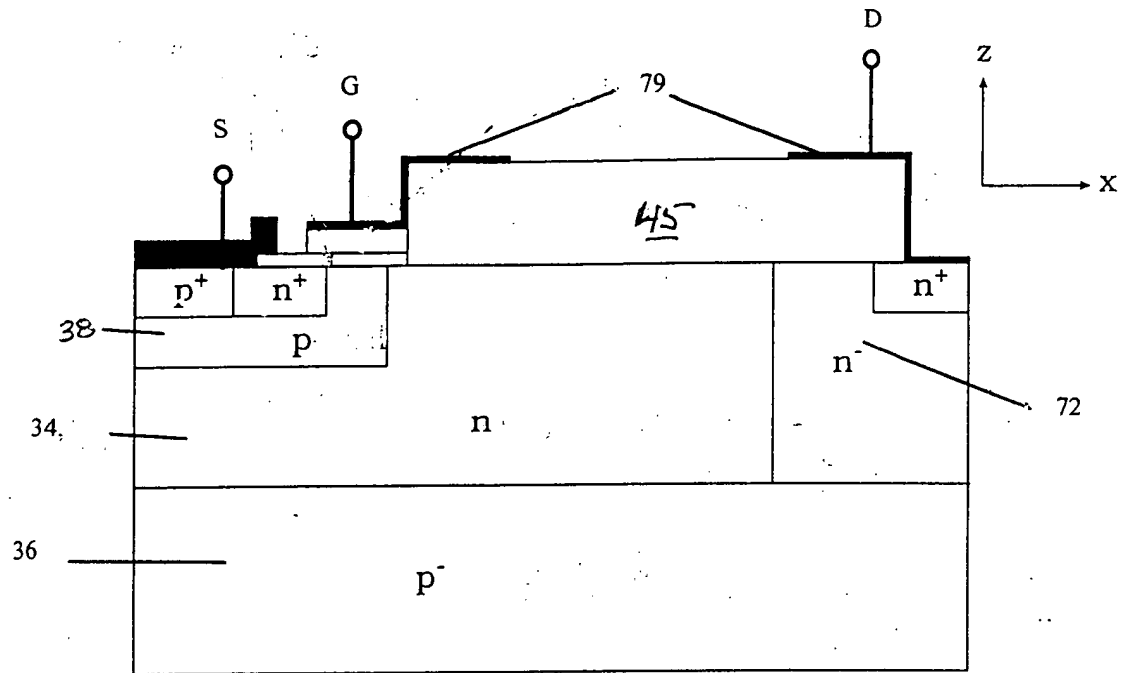


Fig. 8



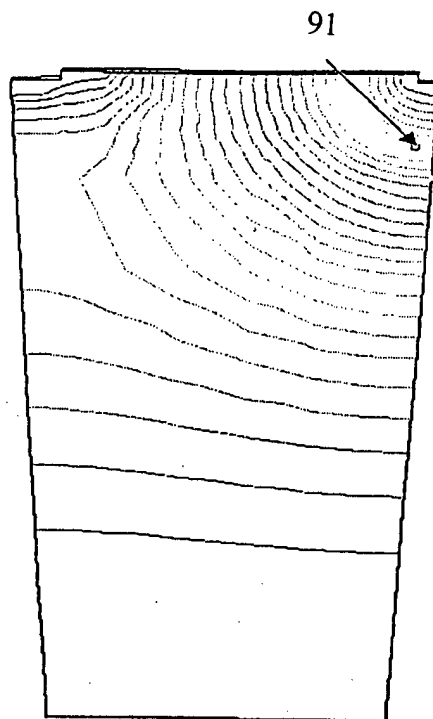


Fig. 9

Device	Breakdown Voltage (V)	$R_{on-sp}$ ( $\Omega.cm^2$ ) at $V_{GS}=12V$
120V SJR-LDMOST	121	$3.42 \times 10^{-3}$
120V conventional R-LDMOST	120	$2.1 \times 10^{-2}$
700V SJR-LDMOST	718	$4.88 \times 10^{-2}$
700V conventional R-LDMOST	700	0.20
1200V SJR-LDMOST	1244	0.22169
1100V conventional R-LDMOST	1100	0.7

Fig. 10